

A1
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Sub B1
cont

c) eluting the nucleic acid from the metal oxide support material, thereby separating the nucleic acid from the test sample.

9. (Amended) The method of claim 7 wherein the nucleic acid is separated from a test sample comprising more than one source of nucleic acid.

10. (Amended) The method of claim 9 wherein the nucleic acid separated from the test sample comprises RNA and DNA.

A2
Sub B2

11. (Amended) A kit for separating nucleic acid from a test sample comprising:

- a) metal oxide particles, wherein the metal oxide particles are capable of forming nucleic acid/metal oxide complexes when the metal oxide particles are contacted with nucleic acids;
 - b) a binding buffer comprising
 - (i) a chaotropic reagent, and
 - (ii) a detergent; and
 - c) an elution buffer comprising water.
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12. (New) The method of claim 8 wherein the step of amplifying the nucleic acid is performed without removal of the elution buffer.

A3

13. (New) The method of claim 1 wherein eluting the nucleic acid from the metal oxide support material comprises contacting

the complexes with an elution buffer having a pH of between 6 and 10.

14. (New) The method of claim 1 wherein eluting the nucleic acid from the metal oxide support material comprises contacting the complexes with an elution buffer having a pH of between 7 and 9.

15. (New) The method of claim 1 wherein eluting the nucleic acid from the metal oxide support material comprises contacting the complexes with an elution buffer comprising a sodium phosphate or organophosphate compound such that the phosphate concentration in the elution buffer is from 10 mM to 300 mM.

16. (New) The method of claim 1 wherein eluting the nucleic acid from the metal oxide support material comprises contacting the complexes with an elution buffer comprising a sodium phosphate or organophosphate compound such that the phosphate concentration in the elution buffer is from 10 mM to 100 mM.

REMARKS

Supplemental Information Disclosure Statement

Applicant filed a supplemental Information Disclosure Statement, along with other papers, on March 24, 2000, but has not yet received an Examiner initialed and signed copy of the PTO-Form 1449. Accordingly, applicant respectfully requests the Examiner to provide a copy of the Form 1449 with the Examiner's initials next to each reference listed to indicate that the Examiner has considered the references and made the references of record.